

28 SEP 68 01 00Z

SECRET

OUT 66032

S E C R E T 280046Z SEP 68 CITE [] 4679

25X1

25X1

SUBJ: EVALUATION OF "B" TEST MISSION NUMBER 2.

1. QUALITY SUMMARY: THE OVERALL IMAGE QUALITY IS GENERALLY GOOD; HOWEVER, AT THE BEGINNING OF THE MISSION (APPROXIMATELY FIRST 900 FRAMES) THE QUALITY VARIES FROM FRAME TO FRAME AND WITHIN EACH FRAME. THIS DEGRADATION IS SUSPECTED TO BE THE RESULT OF CONDENSATION BUILD-UP ON THE WINDOWS. AS THE MISSION PROGRESSES SIGNIFICANT IMAGE QUALITY IMPROVEMENT IS APPARENT AND BY THE END OF THE MISSION THE IMAGE QUALITY IS CONSISTENTLY GOOD. THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY ARE GOOD AND BETTER THAN ANY "B" CAMERA MISSION RECEIVED FROM THE GLASS LAMP PROGRAM IN THE PAST FIVE MONTHS. THE EXACT REASON FOR THIS IMPROVEMENT IN IMAGE QUALITY CANNOT BE DETERMINED; HOWEVER, IT IS SUSPECTED THAT THE RECENTLY RECONDITIONED B10 CAMERA UNIT USED FOR THIS MISSION IS THE MAJOR CONTRIBUTING FACTOR. CLOUD COVER AND HAZE OBSCURE APPROXIMATELY 20 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA:

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER 10, WAS USED IN TEST NUMBER 2, FLOWN ON 19 SEPTEMBER 1968. MODE V WAS USED THROUGHOUT THE MISSION. THIS MISSION WAS FLOWN IN VEHICLE NUMBER 6700 USING THE OLD CAMERA MOUNTS.

B. FILM TYPE 3400 WAS USED WITH A CAMERA EXPOSURE SETTING OF 1/250. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCE.

3. ORIGINAL NEGATIVE:

A. EXPOSURE: THE MATERIAL APPEARS SLIGHTLY UNDEREXPOSED AT THE BEGINNING OF THE MISSION AND SLIGHTLY OVEREXPOSED AT THE END OF THE MISSION.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM; HOWEVER, THE LATTER PART OF THE MISSION IS MORE DENSE AND OF HIGHER CONTRAST.

C. IMAGED DEGRADATIONS:

(1) 9R SIDE: A MINUS DENSITY ARC, 1.0 INCH LONG AND 0/25 INCH WIDE IS IMAGED NEAR THE DATA CHAMBER ON ALL FRAMES OF THE MISSION.

(2) 9L SIDE: NONE PRESENT.

(3) BOTH SIDES: THERE ARE PLUS DENSITY LINES PARALLEL TO BOTH FILM EDGES, APPROXIMATELY 0.06 INCH FROM THE FORMAT EDGE, IN ALL FRAMES. THE INBOARD AND OUTBOARD EDGES CONTAIN PLUS DENSITY AREAS ASSOCIATED WITH ROLLER CHATTER. EDGE FOG IS PRESENT ALONG THE OUTBOARD EDGES.

D. PHYSICAL DEGRADATIONS:

(1) A MANUFACTURER'S SPLICE IS PRESENT BETWEEN FRAMES 580/581; A HEAT SPLICE IS PRESENT BETWEEN FRAMES 1155/1156. EMULSION SCRATCHES SPACED 6.5 INCHES APART, 0.5 INCH FROM THE INBOARD EDGE ARE PRESENT FROM FRAME 587 THRU FRAME 1135.

(2) 9L SIDE: AN EMULSION SCRATCH IS PRESENT IN FRAME 615. FRAMES 611 AND 1177 CONTAIN HEAT SPLICES.

E. AUXILIARY DATA: ALL DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.

F. THE LAST TITLED FRAME ON BOTH SIDES IS 2429.

4. POSITIVES:

A. THE PRINTING AND PROCESSING WERE GOOD.

S E C R E T

END OF MESSAGE

SECRET

DISTRIBUTION	
THE OFFICE	
FILM	
ROADSIDE SEC.	
PPAB/AD	
SECUR.	
TSSG/TAD	
PSG/OC	
RRD	
REPRO	
LAYD	
LEG	
PROD	
SCIEN	
WEST	
EAST	
M&S	
PCM	
IAS	
DIA-XX4	
SPAD	
DIA-AP	
	25X1
CMX	

ADVANCE CY
SARITIZED
WITH TEXT

